



PATENT
Attorney Docket No.: AVALUC-01300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 2154

Chih-Yuan Chang et al.) Examiner: Lin, Kenny

Serial No.: 09/649,474

Filed: August 28, 2000

For: **A MEDIUM ACCESS CONTROL
(MAC) PROTOCOL WITH
SEAMLESS
POLLING/CONTENTION MODES**

**AMENDMENT AND RESPONSE TO
OFFICE ACTION MAILED ON
November 20, 2003**

162 N. Wolfe Road
Sunnyvale, CA 94086
(408) 530-9700

Customer No.: 28960

MS: Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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AMENDMENTS

Listing of the Claims:

1. (Currently Amended) A method of coordinating slotted multiple access in a wireless network channel shared by a plurality of users comprising the steps of:
- a. assigning each of a plurality of users into a subgroup, thereby forming one or more subgroups of users, wherein each subgroup utilizes a contention mode;
 - b. utilizing a polling mode to provide each subgroup a transmission opportunity; and [, utilizing a contention mode and]
 - c. utilizing a seamless transition between the polling and contention modes [to coordinate user transmission] such that when a specific subgroup is provided a transmission opportunity and a collision occurs between user signals within the specific subgroup, the specific subgroup is split into smaller subgroups, each smaller subgroup including a portion of the users within the specific subgroup.

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) **TRANSMITTAL LETTER**
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Sir:

Enclosed please find an Amendment and Response to the Office Action mailed on November 20, 2003 for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,

HAVERSTOCK & OWENS LLP

Dated: February 20, 2004

By: Thomas B. Haverstock
Thomas B. Haverstock
Reg. No.: 32,571

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Attorneys for Applicant

- 1 -

HAVERSTOCK & OWENS LLP
Date: 2/20/04 By: Thomas B. Haverstock